

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/07157

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C03B37/012

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 234 806 A (SUMITOMO ELECTRIC IND LTD) 28 August 2002 (2002-08-28) paragraphs '0021!-'0023!', '0028!', '0050!; figure 2	1,11
A	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 02, 5 February 2003 (2003-02-05) -& JP 2002 293562 A (SUMITOMO ELECTRIC IND LTD; ALLIED MATERIAL CORP), 9 October 2002 (2002-10-09) abstract; figures 2-5	1,11
A	WO 02 072489 A (CRYSTAL FIBRE A/S) 19 September 2002 (2002-09-19) cited in the application page 9, line 19 - line 20 page 33, line 11 - line 14	1,11
-/-		

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

27 January 2004

Date of mailing of the international search report

03/02/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Stroud, J

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/07157

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 38244 A (SCIENTIFIC-ATLANTA INC) 31 May 2001 (2001-05-31) cited in the application page 12, line 14 - line 25 ----	1,11
A	EP 0 630 864 A (SUMITOMO ELECTRIC IND LTD) 28 December 1994 (1994-12-28) column 11, line 35 -column 12, line 7; figure 4 column 25, line 25 - line 55 -----	1,11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/07157

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1234806	A	28-08-2002	JP 2002249335 A	06-09-2002
			EP 1234806 A2	28-08-2002
			US 2002118938 A1	29-08-2002
<hr/>				
JP 2002293562	A	09-10-2002	NONE	
<hr/>				
WO 02072489	A	19-09-2002	WO 02072489 A2	19-09-2002
<hr/>				
WO 0138244	A	31-05-2001	US 6411762 B1	25-06-2002
			BR 0015040 A	09-07-2002
			DE 1242325 T1	28-05-2003
			EP 1242325 A1	25-09-2002
			ES 2181609 T1	01-03-2003
			WO 0138244 A1	31-05-2001
			US 6278816 B1	21-08-2001
<hr/>				
EP 0630864	A	28-12-1994	EP 0630864 A2	28-12-1994
			JP 7097228 A	11-04-1995
<hr/>				